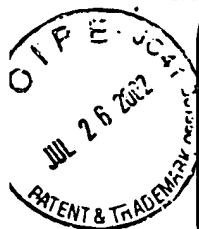


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/038,377
		Filing Date	October 19, 2001
		First Named Inventor	Dusty Lutz et al.
		Group Art Unit	3652
		Examiner Name	Unknown
Sheet 1 of 6	Attorney Docket Number	7594.10	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		3,182,357		Tuttle	05-11-1965	
		3,688,873		Potrafke	09-05-1972	
		3,725,895		Haynes	04-03-1973	
		3,836,755		Ehrat	09-17-1974	
		3,878,365		Schwartz	04-15-1975	
		4,071,740		Gogulski	01-31-1978	
		4,084,742		Silverman	04-18-1978	
		4,373,133		Clyne et al.	02-08-1983	
		4,583,083		Bogasky	04-15-1986	
		4,583,619		Fry	04-22-1986	
		4,676,343		Humble et al.	01-30-1987	
		4,679,154		Blanford	07-07-1987	
		4,715,457		Amacher et al.	12-29-1987	
		4,775,782		Mergenthaler et al.	10-04-1988	
		4,779,706		Mergenthaler	10-25-1988	
		4,787,467		Johnson	11-29-1988	
		4,789,048		Cramer et al.	12-06-1988	
		4,792,018		Humble et al.	12-20-1988	
		4,909,356		Rimondi et al.	03-20-1990	
		4,929,819		Collins, Jr.	05-29-1990	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		BE	899018			06-18-1984		
		DE	1927819			02-04-1971		
		DE	2125869			12-07-1972		
		DE	3114139 A1			11-04-1982		
		DE	3330301 A1			03-14-1985		
		EP	0060701 B1			09-22-1982		
		EP	0124355 B1			11-07-1984		
		EP	0178223 A2			04-16-1986		
		EP	0491348 A2			06-24-1992		
		EP	0811958 A2			12-10-1997		

Examiner Signature	/Jeffery Shapiro/ (04/21/2009)	Date Considered	
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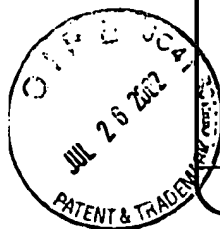
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

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Application Number 10/038,377
Filing Date October 19, 2001
First Named Inventor Dusty Lutz et al.
Group Art Unit 3652
Examiner Name Unknown
Attorney Docket Number 7594.10

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4,940,116		O'Connor et al.	07-10-1990	
		4,947,028		Gorog	08-07-1990	
		4,964,053		Humble	10-16-1990	
		5,004,916		Collins, Jr.	04-02-1991	
		5,040,636		Forsythe et al.	08-20-1991	
		5,083,638		Schneider	01-28-1992	
		5,115,888		Schneider	05-26-1992	
		5,123,494		Schneider	01-23-1992	
		5,125,465		Schneider	06-30-1992	
		5,168,961		Schneider	12-08-1992	
		5,174,413		Cappi et al.	12-29-1992	
		5,191,749		Cappi et al.	03-09-1993	
		5,250,789		Johnsen	10-05-1993	
		5,297,030		Vassigh et al.	03-22-1994	
		5,315,097		Collins, Jr. et al.	05-24-1994	
		5,340,970		Wolfe, Jr. et al.	08-23-1994	
		5,343,025		Usui	08-30-1994	
		5,345,071		Dumont	09-06-1994	
		5,361,871		Gupta et al.	11-08-1994	
		5,375,680		Ikeda et al.	12-27-1994	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ² (if known)				
		EP	0905656	A2		03-31-1999		
		GB	2068132	A		08-05-1981		
		GB	2285687	A		07-19-1995		
		JP	5314367			11-26-1993		
		JP	11328299			11-30-1999		

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Date

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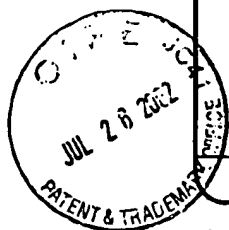
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/038,377	
			Filing Date	October 19, 2001	
			First Named Inventor	Dusty Lutz et al.	
			Group Art Unit	3652	
			Examiner Name	Unknown	
Sheet	3	of	6	Attorney Docket Number	7594.10

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
		5,378,860		Dingfelder et al.	01-03-1995	
		5,397,882		Van Solt	03-14-1995	
		5,398,191		Komai	03-14-1995	
		5,424,524		Ruppert et al.	06-13-1995	
		5,426,282		Humble	06-20-1995	
		5,426,423		Raimbault et al.	06-20-1995	
		5,434,394		Roach et al.	07-18-1995	
		5,437,346		Dumont	08-01-1995	
		5,448,046		Swartz	09-05-1995	
		5,457,307		Dumont	10-10-1995	
		5,484,991		Sherman et al.	01-16-1996	
		5,485,006		Allen et al.	01-16-1996	
		5,489,773		Kumar	02-06-1996	
		5,494,136		Humble	02-27-1996	
		5,497,314		Novak	03-05-1996	
		5,497,853		Collins, Jr. et al.	03-12-1996	
		5,540,301		Dumont	07-30-1996	
		5,543,607		Watanabe et al.	08-06-1996	
		5,544,040		Gerbaulet	08-06-1996	
		5,560,450		Kouno	10-01-1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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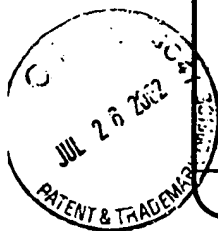
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	4	of	6
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Application Number	10/038,377
Filing Date	October 19, 2001
First Named Inventor	Dusty Lutz et al.
Group Art Unit	3652
Examiner Name	Unknown
Attorney Docket Number	7594.10

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,595,264		Trotta, Jr.	01-21-1997	
		5,609,223		Iizaka et al.	03-11-1997	
		5,635,906		Joseph	06-03-1997	
		5,637,847		Watanabe	06-10-1997	
		5,662,190		Abe	09-02-1997	
		5,663,963		Goodwin, III et al.	09-02-1997	
		5,684,289		Detwiler et al.	11-04-1997	
		5,721,420		May	02-24-1998	
		5,736,721		Swartz	04-07-1998	
		5,752,582		Hayward	05-19-1998	
		5,814,799		Swartz et al.	09-29-1998	
		5,821,512		O'Hagan et al.	10-13-1998	
		5,845,263		Camaisa et. al.	12-01-1998	
		5,877,485		Swartz	03-02-1999	
		5,883,968		Welch et al.	03-16-1999	
		5,884,728		d'Estaintot et al.	03-23-1999	
		5,898,158		Shimizu et al.	04-27-1999	
		5,900,614		Nakakawaji et al.	05-04-1999	
		5,923,735		Swartz et al.	07-13-1999	
		5,978,772		Mold	11-02-1999	

FOREIGN PATENT DOCUMENTS

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**INFORMATION DISCLOSURE
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Sheet

5

of

6

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Application Number	10/038,377
Filing Date	October 19, 2001
First Named Inventor	Dusty Lutz et al.
Group Art Unit	3652
Examiner Name	Unknown
Attorney Docket Number	7594.10

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Optimal Robotics Selects Diebold's ATM Cash Dispensing Technology; Industry Leading U-Scan Express Self-Checkout System To Incorporate Diebold ATM Dispensers", Business Wire, December 20, 1999	
		AMATO-MCCOY, DEENA, "Brookshire's Shoppers Will Soon Experience Ease and Convenience of NCR Self-Checkout; NCR Self-Checkout Express Lets Shoppers Scan and Pay for Their Purchases", PR Newswire, February 24, 1999	
		AMATO-MCOY, DEENA, "Self-Checkout Test Planned at Brookshire Grocery Units", Supermarket News Page: 21(1), April 26, 1999	
		"More Supermarkets Can Offer Shoppers Ease and Convenience of NCR Self-Checkout", PR Newswire, February 16, 1999	
		POWER, DENISE, "Self-Scanning Checks In. (Meijer)", HFN The Weekly Newspaper for the Home Furnishing Network, vol. 72, Issue No. 36, September 14, 1998	
		Web pages: http://www.terrigal.net.au/kjka/www.pscnet.com/uscanse.htm , U-Scan Express(tm) Self-Checkout, 3/29/00	
		ZIMMERMAN, KIM ANN, "Food Lion To Install More Self-Checkouts", Supermarket News, October 4, 1999	
		"NCR: NCR Unveils Retail Self-Service Solution", M2 Presswire, June 16, 1998	
		CORBIN, COLE, "Checking Out Self-Scanning: More Retailers Are Singing the Praises of Both Portable and Stationary Self-Scanning, But Customers Still Need a Bit of Wooing", Supermarket News, March 15, 1999	
		MOLTZEN, EDWARD F., "NCR, Innovax Team For Supermarket Sweep", Computer Reseller News, February 22, 1999	
		Abstract: WOODYARD, CHRIS, "Grocery Shoppers Can Be Own Cashiers", USA Today, March 9, 1998	

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Signature

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Date

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6 of 6

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Application Number	10/038,377
Filing Date	October 19, 2001
First Named Inventor	Dusty Lutz et al.
Group Art Unit	3652
Examiner Name	Unknown
Attorney Docket Number	7594.10

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Search Results List: 8 Articles listed; Word or Phrase: Self and (checkout or scan?) and automat? and teller and mach, Date range: 1998 - Present; print date April 3, 2000	
		Search Results List: 7 Articles listed; Word or Phrase: Self and (checkout or scan?) and automat? and teller and mach, Date range: Backfile (1986-1997); print date April 3, 2000	
		Search Results List by Rank: 100 Articles listed; Search criteria Self-Checkout Coupled To An Automated Teller Machine; print date March 29, 2000	
		U-Scan Express.TM., The U-Scan Express.TM. Self-Checkout System, Spectra-Physics Scanning Systems, Inc., February 1996	
		Optimal Robotics 8870 System. TM., Optimal Robotics Corporation, 1995	
		ZIMMERMAN, DENISE, "Kroger Unit to Expand Customer Self-Scanning", Supermarket News, August 14, 1995, page 15	
		ZIMMERMAN, DENISE, "Kroger Self-Scan Lane To Test Debit Credit" Supermarket News, Vol. 45, Number 14, page 13+, April 3, 1995	
		LANG JONES, JEANNE, "Robots Will Do Checkout at Grocery", Houston Post, (Final, Business, p. C1, February 22, 1995	
		"Burger King Tests Credit-Card Payments", The Miami Herald Knight-Rider/Tribune Business News, July 9, 1993	
		WISEMBERG-BRIN, DINAH, Associated Press, "You-buy, you-scan bag", Dayton Daily News, August 11, 1996	
		GAMBURER, A.T., et al., "Analogue-code Converter Used with Strain Gauge Hopper Weighers", Instrumental and Control, March 3, 1969	

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Date

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10038377 - GAU: 3653

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.

SERIAL NUMBER

7594.10

10/038,377

APPLICANT

Dusty Lutz et al.

FILING DATE

October 19, 2001

GROUP



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Exam. Initial		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	3	8	7	8	3	6	5	04/15/75	Schwartz	235	61.7 R	
	AB	4	6	6	1	9	0	8	04/28/87	Hamano et al.	364	405	
	AC	4	7	7	9	7	0	6	10/25/88	Mergenthaler	186	61	
	AD	4	7	8	7	4	6	7	11/29/88	Johnson	235	383	
	AE	5	1	2	5	4	6	5	06/30/92	Schneider	177	50	
	AF	5	1	9	1	7	4	9	03/09/93	Cappi et al.	53	502	
	AG	5	6	3	7	8	4	7	06/10/97	Watanabe	235	383	
	AH	5	8	9	8	1	5	8	04/27/99	Shimizu et al.	235	383	
	AI												
	AJ												

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	AK													
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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(Information Disclosure Statement -Section 9 PTO-1449 (Modified) [6-1] - Page 1 of 1)

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3652



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 7594.10

Application of

Dusty Lutz et al.

Serial No. 10/038,377

Filed: October 19, 2001

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JUL 31 2002
GROUP 3600

**INFORMATION
DISCLOSURE STATEMENT**
37 CFR §1.97(b)

Group Art Unit: 3652

Examiner: Unknown

Handwritten:
EIP
11/1/02
IDS
#3

**FOR: METHOD OF MONITORING ITEM SHUFFLING IN A POST-SCAN AREA
OF A SELF-SERVICE CHECKOUT TERMINAL**

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on <u>JUL 23 2002</u> (Date of Deposit).	
 Patricia Carthey	

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.56 and 1.97-1.98 with regard to the above-identified application, please find enclosed copies of the references listed on the enclosed form entitled "Information Disclosure Statement By Applicant". These references are generally related to self-checkout systems; and they include patents specifically related to self-checkout systems and cited in the prosecution of various NCR applications relating to self-checkout systems.

The following additional references not listed on the Information Disclosure Statement were cited during prosecution of the above-mentioned NCR applications relating to self-checkout systems but do not appear to be specifically related to self-checkout systems:

Patent No.	Issue date	Title
3,263,774	08/02/66	CONTROL APPARATUS
3,436,968	04/08/69	PROCESSING CONTROL SYSTEM
3,681,570	08/01/72	METHOD AND APPARATUS FOR IDENTIFYING ARTICLES
3,681,571	08/01/72	SYSTEM FOR IDENTIFYING ARTICLES
3,696,586	10/10/72	BAGGING AND CHECKOUT COUNTER SYSTEM
3,735,350	05/22/73	CODE SCANNING SYSTEM
3,819,012	06/25/74	MERCHANDISE HANDLING AND IDENTIFYING SYSTEM
3,869,575	03/04/75	SPEECH-SYNTHESIS SYSTEM
3,947,817	03/01/76	HAND OPERATED OPTICAL CHARACTER RECOGNITION WAND

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Patent No.	Issue date	Title
3,949,194	04/06/76	CHECK-OUT TERMINAL
3,962,569	06/08/76	VALUE COMPUTING SCALE
3,962,570	06/08/76	SCALE WITH MANUAL TARE ENTRY
3,984,667	10/05/76	MOTION DETECTING SCALE
3,986,012	10/12/76	DIGITAL WEIGHT MEASURING AND COMPUTING APPARATUS WITH AUTOMATIC ZERO CORRECTION
4,004,139	01/18/77	DIGITAL SCALE WITH MEANS TO SHIFT DISPLAYED WEIGHT TO SHOW FRACTION OF LEAST NORMALLY DISPLAYED GRADUATION
4,028,537	06/07/77	PRODUCT PROCESSING SYSTEM WITH PRICE PRINTER
4,069,970	01/24/78	DATA ACCESS CIRCUIT FOR A MEMORY ARRAY
4,114,721	09/19/78	METHOD AND SYSTEM FOR ACOUSTIC NOISE LOGGING
4,138,000	02/06/79	CHECKOUT COUNTER
4,177,880	12/11/79	COMBINATION SUPERMARKET COUNTER AND CART THEREFOR
4,180,204	12/25/79	AUTOMATIC INVENTORING SYSTEM
4,236,604	12/02/80	START/STOP CONTROL OF CONVEYING MEANS
4,237,483	12/02/80	SURVEILLANCE SYSTEM
4,327,819	05/04/82	OBJECT DETECTION SYSTEM FOR A SHOPPING CART
4,347,903	08/07/82	ELECTRONIC READING BALANCE
4,353,564	10/12/82	SUPERMARKET COUNTER CONSTRUCTION AND METHOD OF USING SAME
4,369,334	01/18/83	AUDIBLE ANNOUNCEMENT IN AN ELECTRONIC CASH REGISTER
4,369,361	01/18/83	PORTABLE, STAND-ALONE, DESK-TOP LASER SCANNING WORKSTATION FOR INTELLIGENT DATA ACQUISITION TERMINAL AND METHOD OF SCANNING
4,377,741	03/22/83	APPARATUS FOR PRODUCING UPDATED INFORMATION ON A TANGIBLE MEDIUM
4,392,535	07/12/83	ZERO-POINT ADJUSTING METHOD FOR AUTOMATIC WEIGHING APPARATUS
4,412,298	10/25/83	METHOD FOR TRACKING CREEP AND DRIFT IN A DIGITAL SCALE UNDER FULL LOAD
4,500,880	02/19/85	REAL TIME, COMPUTER-DRIVEN RETAIL PRICING DISPLAY SYSTEM
4,509,129	04/02/85	ELECTRONIC CALCULATING MACHINE WITH FACILITIES OF ANNOUNCING DATA INTRODUCED
4,529,871	07/16/85	PRICE MARKING SYSTEM
4,549,867	10/29/85	ELECTRONIC LEARNING AID WITH RANDOM NUMBER MODES
4,574,317	03/04/86	HAND SCANNABLE PORTABLE COPIER AND METHOD

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Patent No.	Issue date	Title
4,602,152	07/22/86	BAR CODE INFORMATION SOURCE AND METHOD FOR DECODING SAME
4,605,080	08/12/86	SPEECH RECOGNITION CONTROL SYSTEM AND METHOD
4,660,160	04/21/87	ELECTRONIC WEIGHING DEVICE HAVING LABEL PRINTER WITH DATA STABILITY CHECK
4,661,908	04/28/87	SALES DATA PROCESSING SYSTEM
4,688,105	08/18/87	VIDEO RECORDING SYSTEM
4,709,770	12/01/87	DEVICE FOR CORRECTING DYNAMIC WEIGHT SIGNAL FROM CONVEYER WEIGHER
4,723,118	02/02/88	MAGNETIC DETECTION SYSTEM FOR ITEMS ON THE LOWER TRAY OF A SHOPPING CART
4,725,822	02/16/88	SHOPPING CART WITH LOWER TRAY SIGNALLING DEVICE
4,734,713	03/29/88	THERMAL PRINTER
4,736,098	04/05/88	SIGNALLING METHOD AND APPARATUS FOR A CONVENTIONAL SHOPPING CART
4,766,296	08/23/88	ARTICLE CHECKOUT COUNTER AND SYSTEM
4,766,299	08/23/88	HAND-MOUNTED BAR CODE READER
4,800,493	01/24/89	ELECTRONIC CASH REGISTER
4,838,383	06/13/89	APPARATUS FOR CHECKING OUT PURCHASES
4,866,661	09/12/89	COMPUTER CONTROLLED RENTAL AND SALE SYSTEM AND METHOD FOR A SUPERMARKET AND THE LIKE
4,881,606	11/21/89	POINT-OF-SALE APPARATUS
4,914,280	04/03/90	OPTICAL WAND INTERFACE TO FIXED SCANNER
4,959,530	09/25/90	ARTICLE PRICE INDICATOR
4,964,167	10/16/90	APPARATUS FOR GENERATING SYNTHESIZED VOICE FROM TEXT
4,971,177	11/20/90	DATA GATHERING SYSTEM HOUSING/MOUNTING
4,975,948	12/04/90	RAPID DIALING METHOD FOR TELECOMMUNICATIONS
5,053,636	10/01/91	OVERRIDE CIRCUIT FOR MEDICAL TABLE
5,058,691	10/22/91	INFRARED DETECTOR FOR ENSURING CORRECT WEIGHING
5,079,412	01/07/92	POINT OF SALE DATA PROCESSING APPARATUS FOR HANDY TYPE BAR CODE READER WHICH CAN BE FLUSH MOUNTED
5,121,103	06/09/92	LOAD ISOLATED ARTICLE SURVEILLANCE SYSTEM AND ANTENNA ASSEMBLY
5,139,100	08/18/92	POINT-OF-SALE SCANNER/SCALE SYSTEM WITH SCALE ACTIVATION OF SCANNER
5,140,145	08/18/92	BAR CODE READER TEST AND TAMPERING INDICATION SYSTEM
5,142,161	08/25/92	HAND-HELD OPTICAL SCANNER AND HIGHLIGHTER

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Patent No.	Issue date	Title
5,149,211	09/22/92	PRINTERS AND ANCILLARY SYSTEMS
5,174,399	12/29/92	POINT-OF-SALE SCANNER/SCALE SYSTEM WITH SCALE ACTIVATION OF SCANNER
5,177,345	01/05/93	MERCHANDISE SCANNER FOR RETAIL STORES
5,177,800	01/05/93	BAR CODE ACTIVATED SPEECH SYNTHESIZER TEACHING DEVICE
5,178,234	01/12/93	CHECKOUT APPARATUS
5,189,291	02/23/93	BAR CODE READER OPERABLE AS REMOTE SCANNER OR WITH FIXED TERMINAL
5,195,613	03/23/93	COMMODITY DATA READER
5,230,391	07/27/93	WEIGHER-CONVEYOR SYSTEM
5,231,293	07/27/93	BAR CODE READING INSTRUMENT WHICH PROMPTS OPERATOR TO SCAN BAR CODES PROPERLY
5,239,167	08/24/93	CHECKOUT SYSTEM
5,256,864	10/26/93	SCANNING SYSTEM FOR PREFERENTIALLY ALIGNING A PACKAGE IN AN OPTIMAL SCANNING PLANE FOR DECODING A BAR CODE LABEL
5,265,075	11/23/93	VOICE PROCESSING SYSTEM WITH EDITABLE VOICE FILES
5,293,319	03/08/94	POSTAGE METER SYSTEM
5,314,631	05/24/94	STATIONARY BAR CODE READER WHICH CAN BE DETECTED AND SEPARATED INTO A HAND-HELD BAR CODE READER
5,334,826	08/02/94	METHOD AND APPARATUS FOR EXTENDING AND CONFIRMING THE SERVICE LIFE OF SEMICONDUCTOR LASER OF BAR CODE READER BY DETECTING CURRENT INCREASE CORRESPONDING TO TEMPERATURE OF SEMICONDUCTOR LASER
5,335,171	08/02/94	ELECTRONIC REGISTER
5,365,050	11/15/94	PORTABLE DATA COLLECTION TERMINAL WITH VOICE PROMPT AND RECORDING
5,374,815	12/20/94	TECHNIQUE FOR LOCATING ELECTRONIC LABELS IN AN ELECTRONIC PRICE DISPLAY SYSTEM
5,382,779	01/17/95	SHELF PRICE LABEL VERIFICATION APPARATUS AND METHOD
5,393,965	02/28/95	FLEXIBLE MERCHANDISE CHECKOUT AND INVENTORY MANAGEMENT SYSTEM
5,406,063	04/11/95	HAND-HELD DATA SCANNER HAVING ADJUSTABLE KEYBOARD PANEL
5,410,108	04/25/95	COMBINED SCANNER AND SCALE
5,412,191	04/02/95	SERVICE DESK FOR THE REGISTRATION, BOOKING AND/OR PAYMENT OF GOODS, VOUCHERS AND THE LIKE
5,424,521	06/13/95	ARTICLE CHECKOUT SYSTEM WITH PRICE PARAMETER OVERRIDE CAPACITY

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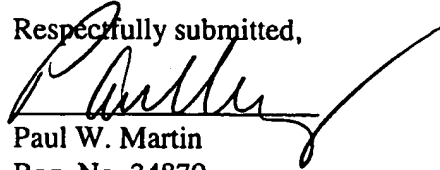
Patent No.	Issue date	Title
5,448,226	09/05/95	SHELF TALKER MANAGEMENT SYSTEM
5,454,063	09/26/95	VOICE INPUT SYSTEM FOR DATA RETRIEVAL
5,461,561	10/24/95	SYSTEM FOR RECOGNIZING DISPLAY DEVICES
5,478,989	12/26/95	NUTRITIONAL INFORMATION SYSTEM FOR SHOPPERS
5,482,139	01/09/96	AUTOMATED DRIVE-UP VENDING FACILITY
5,488,202	01/30/96	WEIGHING DEVICE FOR THE REGISTRATION OF GOODS IN STORES
5,493,107	02/20/96	SHELF PRICE LABEL AND PRODUCT PLACEMENT VERIFICATION METHOD AND APPARATUS
5,493,613	02/20/96	COMBINATION PIN PAD AND TERMINAL
5,500,890	03/19/96	POINT-OF-SALE SYSTEM USING MULTI-THREADED TRANSACTIONS AND INTERLEAVED FILE TRANSFER
5,525,786	06/11/96	MULTIDIRECTIONAL SCAN, PLATFORM PURCHASE CHECKOUT SYSTEM
5,546,475	08/13/96	PRODUCE RECOGNITION SYSTEM
5,577,165	11/19/96	SPEECH DIALOGUE SYSTEM FOR FACILITATING IMPROVED HUMAN-COMPUTER INTERACTION
5,579,000	11/26/96	AUDIO/VIDEO PRICE CONFIRMATION SYSTEM
5,594,469	01/14/97	HAND GESTURE MACHINE CONTROL SYSTEM
5,644,630	07/01/97	INTERCOM SYSTEM FOR A SERVICE ESTABLISHMENT
5,708,782	01/13/98	METHOD AND APPARATUS FOR DISPENSING DISCOUNT COUPONS
5,721,536	02/24/98	AUDIO/VIDEO PRICE CONFIRMATION SYSTEM
5,740,744	04/21/98	THROUGH-WALL TYPE AUTOMATIC CUSTOMER SERVICE APPARATUS
5,756,978	05/26/98	MODULAR OPTICAL MEMORY CARD IMAGE DISPLAY POINT OF SALE TERMINAL
5,756,984	05/26/98	HANDY SCANNER
5,769,269	06/23/98	VENDING SYSTEM
5,780,825	07/14/98	AUTOMATIC TELLER MACHINE INCLUDING A HALT REQUESTING MECHANISM IN A DURSS PERIOD
5,784,446	07/21/98	METHOD AND APPARATUS FOR INSTALLING TELEPHONE INTERCOM-VOICE MESSAGING APPARATUS AT DOORBELL FOR DWELLING
5,801,371	09/01/98	OPTICAL READER WITH INDEPENDENT TRIGGERING AND GRAPHICAL USER INTERFACE
5,801,766	09/01/98	SECURITY SYSTEM FOR USE AT A ROULETTE TABLE
5,832,417	11/03/98	APPARATUS AND METHOD FOR AN AUTOMATIC SELF-CALIBRATING SCALE

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Patent No.	Issue date	Title
5,832,457	11/03/98	METHOD AND APPARATUS FOR SELECTIVE DISTRIBUTION OF DISCOUNT COUPONS BASED ON PRIOR CUSTOMER BEHAVIOR
5,837,991	11/17/98	CARD TRANSPORT MECHANISM AND METHOD OF OPERATION
5,845,259	12/01/98	ELECTRONIC COUPON DISPENSING SYSTEM
5,884,281	03/16/99	ELECTRONIC GROCERY LISTER
5,890,135	03/30/99	SYSTEM AND METHOD FOR DISPLAYING PRODUCT INFORMATION IN A RETAIL SYSTEM
5,914,473	06/22/99	METHOD OF SCANNING BAR CODES OF BULKY ITEMS
5,925,872	07/20/99	SCANNING SYSTEM FOR EITHER HAND-HELD OR STATIONARY OPERATION FOR READING 1-D OR 2-D BARCODES
5,950,173	09/07/99	SYSTEM AND METHOD FOR DELIVERING CONSUMER PRODUCT RELATED INFORMATION TO CONSUMERS WITHIN RETAIL ENVIRONMENTS USING INTERNET-BASED INFORMATION SERVERS AND SALES AGENTS
5,970,470	10/19/99	SYSTEM AND METHOD FOR ESTABLISHING AND MANAGING SUBSCRIPTION PURCHASE AGREEMENTS INCLUDING COMMITMENTS TO PURCHASE GOODS OVER TIME AT AGREED UPON PRICES
5,979,757	11/09/99	METHOD AND SYSTEM FOR PRESENTING ITEM INFORMATION USING A PORTABLE DATA TERMINAL
5,984,177	11/16/99	MULTIPLE CONFIGURATION AUTOMATIC TELLER MACHINE
5,993,047	11/30/99	APPARATUS AND METHOD FOR REQUESTING AND DISPENSING NEGOTIABLE INSTRUMENTS
5,997,170	12/07/99	SYSTEM AND METHOD FOR REPORTING VENDING STATUS
6,000,522	12/14/99	MULTI-COMPARTMENT AND ACCEPTORS COMPUTERIZED VENDING MACHINE
6,002,808	12/14/99	HAND GESTURE CONTROL SYSTEM
6,047,889	04/11/00	FIXED COMMERCIAL AND INDUSTRIAL SCANNING SYSTEM
6,055,573	04/25/00	COMMUNICATING WITH A COMPUTER BASED ON AN UPDATED PURCHASE BEHAVIOR CLASSIFICATION OF A PARTICULAR CONSUMER
6,056,194	05/02/00	SYSTEM AND METHOD FOR NETWORKING AND CONTROLLING VENDING MACHINES
D 296,788	07/19/88	COMBINED PORTABLE DATA SCANNER AND PRINTER
RE 35,758	03/31/98	VOICE/DATA-FORMATTED TELEPHONE INFORMATION STORAGE AND RETRIEVAL SYSTEM

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Respectfully submitted,

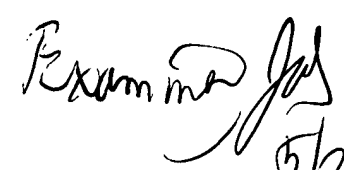

Paul W. Martin

Reg. No. 34870

Attorney for Applicant(s)

JUL 23 2002

NCR Corporation, Law Department, WHQ-5E
1700 S. Patterson Blvd., Dayton, OH 45479-0001
Tel. No. 937-445-2990/Fax No. 937-445-6794

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